

**NATURAL RESOURCES CONSERVATION SERVICE**  
**VIRGINIA**  
**OPERATION AND MAINTENANCE REQUIREMENTS**  
**POND SEALING OR LINING, FLEXIBLE MEMBRANE**  
**CODE 521A**

Land Owner/Operator\_\_\_\_\_

County\_\_\_\_\_ SWCD\_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By\_\_\_\_\_ Date\_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

A properly operated and maintained pond liner is an asset to the farm. The lining was designed and installed to control seepage from water and waste impoundments for water conservation and environmental protection. Estimated life span of this installation is at least \_\_\_\_\_ years. The life of the practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- The pond liner should be inspected periodically and especially after heavy rains to determine whether it is functioning properly or if repairs are needed. All repairs must be made in accordance with the manufacturer's recommendations.
- All inlets, outlets, ramps, and other appurtenances shall be maintained in a manner that does not damage or impair the proper operation of the liner. Care shall be taken during emptying the pond to prevent damage to the liner. Pumping ramps and pads shall be utilized to avoid damage to the liner.
- The water level established for the pond shall not be manipulated to raise the water level above the planned elevation.
- Appurtenances such as trash racks, outlet structures and gates shall be kept free of trash. Remove debris that may accumulate at the embankment and immediately upstream or downstream from the basin. Recognize the possibility that debris may puncture the liner.
- All structures shall be fenced to protect the liner from damage and for the safety of humans, livestock, wildlife, and pets and to protect the membrane from puncture.
- The vegetative cover of the dam shall be maintained by mowing and fertilizing when needed. Trees can cause liner punctures and leaks and should not be permitted on the embankment.
- Immediately repair any vandalism, vehicular, livestock or erosion damage to any earthfills, spillways, outlets or other appurtenances.

- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity.

Additional Operation and Maintenance Requirements Specific to this Plan:\_\_\_\_\_

[illegible]